

Safety Data Sheet

Chem-Oil 83

SDS Number: 10410
SDS Prepared: 02/15/1986
SDS Version: 4.1
Version Date: 07/14/2025

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Chem-Oil 83

CHEMICAL NAME: Solvent Refined Paraffinic Distillates, Mixture of Surfactants

CHEMICAL FAMILY: Petroleum Hydrocarbon, Emulsifier

SYNONYMS: Agricultural Oil, Crop Oil

COMMON NAME: Agricultural Oil, Crop Oil

EPA REGISTRATION NUMBER: Not Applicable

Manufactured by: Coastal AgroBusiness, Inc.
PO Box 856
Greenville, NC 27835
Phone: 1-800-635-1388

Emergency Telephone Numbers
Chemtrec (24 hours)
1-800-424-9300
Coastal AgroBusiness, Inc. (Weekdays – Eastern Standard Time)
1-800-635-1388

2. HAZARDS IDENTIFICATION SUMMARY

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

GHS-US Classification

Acute Toxicity - Oral 5 H303
Acute Toxicity - Dermal 5 H313

LABEL ELEMENTS

GHS-US Labeling

SIGNAL WORD (GHS-US)

WARNING

HAZARD STATEMENTS (GHS-US)

H303 - May be harmful if swallowed
H313 - May be harmful in contact with skin

PRECAUTIONARY STATEMENTS (GHS-US)

P102 - Keep out of reach of children.
P203 - Obtain, read, and follow all safety instructions before use.
P260 - Do not breathe dust/fumes/gas/mist/vapors/spray.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P270 - Do not eat, drink, or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P281 - Use personal protective equipment as required.
P301+P330+P310 - IF SWALLOWED: Rinse mouth. Immediately call a POISON CENTER or doctor.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P308+P311 - If exposed or concerned: Call a POISON CENTER or doctor.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 - Call a POISON CENTER or doctor if you feel unwell.
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients:	Percentage by Weight:	CAS No.	PEL/TLV
Solvent Refined Heavy Paraffinic Petroleum Oil	0%-24.9%	64741-88-4	5 mg/m ³
Solvent Refined Light Paraffinic Petroleum Oil	58.1%-83%	64741-89-5	5 mg/m ³
Emulsifier Mixture	17%	N/A	NOL/NOL

Note: This product may contain trace amounts of residual ethylene oxide. See comment section for more details.

4. FIRST AID MEASURES

EYES:	Immediately flush eyes with plenty of water for at least fifteen minutes, holding eyelids apart to ensure flushing of the entire eye surface. Do not let victim rub eyes. Seek medical attention.
SKIN:	Remove contaminated clothing. Wash thoroughly with soap and water until no odor remains. If redness or swelling develops, obtain medical assistance. Wash clothing before reuse.
INGESTION:	Call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.
INHALATION:	Remove person from area of exposure. Give artificial respiration if necessary. If breathing is difficult, give oxygen if a qualified operator is available. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F/Test Method):	316.2°F (157.9°C)
FLAMMABLE LIMITS (LFL & UFL):	Not applicable
EXTINGUISHING MEDIA:	Water spray or fog, regular foam, dry chemical, CO ₂ , sand/earth
HAZARDOUS COMBUSTION PRODUCTS:	Combustion may produce CO, CO ₂ , and other asphyxiants
SPECIAL FIRE FIGHTING PROCEDURES:	Evacuate the area and fight the fire upwind from a safe distance to avoid possible hazardous vapors and decomposition products. Fire-exposed containers can build pressure and should be kept cool with water spray if possible. Use SCBA and full fire-fighting turnout gear.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None known.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS:	Absorb small spills with sand, vermiculite, or other inert absorbent. Place contaminated material in an appropriate container for disposal.
LARGE SPILLS:	Dike large spills using absorbent or impervious material such as clay or sand. Recover and contain as much free liquid as possible for reuse. Allow any absorbed material to solidify, and scrape it up for disposal. After removal, scrub the area with detergent and flush with water.
CAUTION:	Keep spills and cleaning runoff out of municipal sewers and open bodies of water. Material is slippery when wet.

7. HANDLING AND STORAGE

HANDLING:	Use only in a well-ventilated area. Loosen the closure cautiously before opening the container, as contents may develop pressure upon prolonged storage. Never siphon by mouth.
STORAGE:	NFPA Class IIIB storage. Wash thoroughly after handling. Do not contaminate water, food, or feed by storage or disposal. Store in a cool, dry area. Keep container tightly closed and DO NOT allow water to be introduced to the contents of the container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

THRESHOLD LIMIT VALUE:	5 mg/m ³
PERMISSIBLE EXPOSURE LIMIT:	5 mg/m ³
SIGNS AND SYMPTOMS OF EXPOSURE:	Excessive exposure may cause irritation to eyes, nose, throat, and lungs.

**MEDICAL CONDITIONS
GENERALLY AGGRAVATED BY
EXPOSURE:****PRIMARY ROUTES OF ENTRY:****ENGINEERING CONTROLS:****RESPIRATORY PROTECTION:****EYE PROTECTION:****SKIN PROTECTION:****OTHER:**

Skin, respiratory, pulmonary, and lung disorders

Inhalation, absorption

Ventilate as needed to comply with exposure limit. Work upwind in outside batch operations. Indoor work areas should be contained and provided with local or mechanical exhausts.

Concentration in air determines protection needed. Usually not needed unless the product is heated or misted. Use half-mask air purifying respirator with dust/mist filters or HEPA filter cartridges to 50X the exposure limit. Protection by air purifying respirators is limited. Use positive-pressure-demand full-face supplied air respirator or SCBA for exposures >50X the exposure limit. If exposure is above IDLH or there is the possibility of an uncontrolled release, or exposure levels are unknown, then use a positive-pressure-demand full-face supplied air respirator with escape bottle or SCBA. Use only NIOSH-certified respiratory protection. Avoid contact with eyes. Wear full-face shield or chemical splash goggles when handling. Do not wear contact lenses.

Avoid contact with skin. USDA accepted polyvinyl chloride (PVC), neoprene, nitrile, polyvinyl alcohol, or Viton gloves are recommended.

Wear appropriate clothing to prevent repeated or prolonged skin contact. If contact is unavoidable, wear chemical-resistant clothing. The following materials are acceptable as protective clothing materials: polyvinyl alcohol (PVA), polyvinyl chloride (PVC), neoprene, nitrile, Viton, polyurethane, and laundered soiled clothes.

9. PHYSICAL AND CHEMICAL PROPERTIES

COLOR AND PHYSICAL STATE:**ODOR:****SPECIFIC GRAVITY (Water=1):****VAPOR PRESSURE:****VAPOR DENSITY (Air = 1):****% VOLATILITY (V/V):****BOILING POINT:****MELTING POINT:****SOLUBILITY:****pH:****VISCOSITY @ 68°F (20°C):**

Clear, colorless to yellow liquid

Slight fatty odor

0.873

<0.0001 mm Hg @ 20°C

10

0.7%

Not determined

Not applicable

Emulsifies

Not determined

68 SUS @ 100°F, 11.6 cStokes @ 40°C

Note: These physical data are typical values based on material tested, but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

10. STABILITY AND REACTIVITY

STABILITY:**CONDITIONS TO AVOID:****INCOMPATIBILITY:****HAZARDOUS DECOMPOSITION****PRODUCTS:****HAZARDOUS POLYMERIZATION:**

Stable under normal conditions

Excessive heat or fire

Strong oxidizers such as hydrogen peroxide, bromine, and chromic acid

Combustion may produce CO, CO₂, and other asphyxiants.

Will not occur.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL LD₅₀:**ACUTE DERMAL LD₅₀:****ACUTE INHALATION LC₅₀:**

>2000 mg/kg Pulmonary aspiration hazard if swallowed and/or vomiting occurs-can enter lungs and cause damage.

>2000 mg/kg Practically non-toxic if absorbed. Mild irritation with prolonged or repeated contact

Overexposure to mist may cause eye, nose, throat, and respiratory tract irritation.

EYE IRRITATION: Practically non-irritating on contact
CARCINOGENIC POTENTIAL: This product is not carcinogenic, teratogenic, or mutagenic as determined by OSHA, NTP, or IARC.
SKIN IRRITATION/SENSITIZATION: Moderate/mild irritation with prolonged or repeated contact

12. ECOLOGICAL INFORMATION

Do not apply directly to water or to areas where surface water is present. Do not contaminate water when disposing of equipment wash waters.

13. DISPOSAL CONSIDERATIONS

Do not reuse container. Place in trash or offer for recycling. Incinerate contaminated solids in accordance with local, state, and federal regulations.

Waste Disposal Methods: Follow federal, state, and local regulations. Not a RCRA hazardous waste if uncontaminated. If material cannot be used as directed by the label, then RCRA criteria (ignitability, reactivity, corrosiveness, toxicity characteristics) must be determined, and the material must be disposed of accordingly. Do not flush to the drain/storm sewer.

14. TRANSPORTATION INFORMATION

D.O.T. Shipping Description: NOT REGULATED BY DOT BY HIGHWAY.
 Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

15. REGULATORY INFORMATION

NFPA & HMIS Hazard Ratings:

<u>NFPA</u>		<u>HMIS</u>	
0 Health	0 Reactivity	0 Health	0 Reactivity
1 Flammability		1 Flammability	C PPE

SARA Hazard Notification/Reporting

SARA Title III Hazard Category: Immediate: Y Fire: N Sudden Release of Pressure: N
 Delayed: N Reactive: N
Reportable Quantity (RQ) under U.S. CERCLA: None

SARA, Title III, Section 313:

Contains no chemical subject to SARA 313

SARA, Title III, Section 302:

EHS: None
 TPQ: 10,000 lbs.

RCRA Waste Code:

Not listed

CA Proposition 65:

Not listed

16. OTHER INFORMATION

SDS STATUS: Updated
REASON FOR CHANGE: Added GHS Statement
PREPARED BY: Emma Simpson, Product Development Specialist - Chemist

Disclaimer and Limitation of Liability: This data sheet was developed from information on the constituent materials identified herein and does not relate to the use of such materials in combination with any other material or process. No warranty is expressed or implied with respect to the completeness or ongoing accuracy of the information contained in this data sheet, and Coastal AgroBusiness, Inc. disclaims all liability for reliance on such information. This data sheet is not a guarantee of safety. Users are responsible for ensuring that they have all current information necessary to safely use the product described by this data sheet for their specific purpose.

Chem-Oil 83